



## Online UPS 1Phase Out



### HX i Series

10KVA~20KVA~30KVA

#### Application:

PC, Workstation, Printer, Servers

Adoption of IGBT Inverter, saves energy & coupled with an isolation transformer, enhances the reliability and load adaptability. This unique construction for input and output isolation provides the advantage of noise rejection as well as clean and safer neutral line to the load.

**Inbuilt high-rated charger enable battery back-up upto 2-10 hrs.**



Rear Panel



Front LCD Display



Large Battery Backup

#### Features:

- True On Line Double Conversion Design
- Output inbuilt isolation transformer
- Wide Input Voltage Range
- User-friendly digital LCD display
- Cold Start Function
- High Crest Factor Circuit Design
- Advanced Battery Management
- Improved input power factor

- Wide input frequency range ensure all types of generators compatible.
- Optimization of high-performance battery.
- Advanced floating switching and charging technology maximise the activation of the battery, thus saves the charging time and extends the battery life.
- Battery cold start function
- The UPS can be start directly by battery group when no utility access in which meets the emergency needs of user.
- Comprehensive and reliable protection
- Self-diagnosis function before start-up, avoid the risks that the failure may lead to.
- The multi-protections such as overload, short-circuit, over-temperature, battery under voltage, battery over-charge and so on greatly ensure the system stability and reliability.
- Solar Compatibility (Optional)

## ▶ Technical Specifications

MODEL	HXi3110L16	HXi3110L20	HXi3115L20	HXi3115L30	HXi3120L30	HXi3130L30
<b>INPUT</b>						
Voltage (VAC)	285-470Vac @ 100% Load, Three Phase (4 wire)					
Frequency (HZ)	50Hz±10%					
Power Factor	>0.95					
<b>OUTPUT</b>						
Power (VA)	10000		15000		20000	30000
Power Factor	0.8(Standard)					
Voltage(V)	220/230/240 ± 1%					
Frequency(Hz)	50 ± 0.1%					
Waveform	Pure Sine Wave					
THDv	THD < 3%					
Overload	125% of rated load last for 60second 150% of rated load last for 1 second					
Isolation Transformer	Inbuilt Isolation Transformer					
<b>BATTERY</b>						
Battery type	VRLA or SMF					
Battery voltage	192 Vdc		240 Vdc		360 Vdc	
Charger current (Max)	1~10 Amp Standard (Higher Rating optional)					
Recharge Time	< 10hours to 95%					
<b>OTHER FEATURES</b>						
Display	LCD display indicating (Input voltage, Output voltage, Input frequency, Output frequency, load capacity, battery voltage) LED indications : Mains, AC Mode, DC Mode, Low battery, Overload					
Alarm	Battery low voltage, abnormal power supply, UPS failure, Overload					
Protection	Protection for battery low voltage, overload, short circuit and over temperature					
Noise (db)	<65 dB (1meter)			<75 dB (1meter)		
Efficiency	Upto 90%					
Communication interface (Opt.)	RS232, SNMP, Dry contact (optional)					
Temperature & RH	0 ~ 40°C, 0 ~ 95%, No condensation					
Dimension (W x D x H) mm	280 x 615 x 685		350 x 650 x 795		450 x 970 x 970	
Weight (kg.)	88 Kg		117 Kg		150 Kg 220 Kg	

Specifications are subject to change without prior notice.



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